

# VOLKSWAGEN

AKTIENGESELLSCHAFT

## High voltage-Diagnostics-Battery-Support-Device VAS 6565A

for drive batteries in hybrid cars

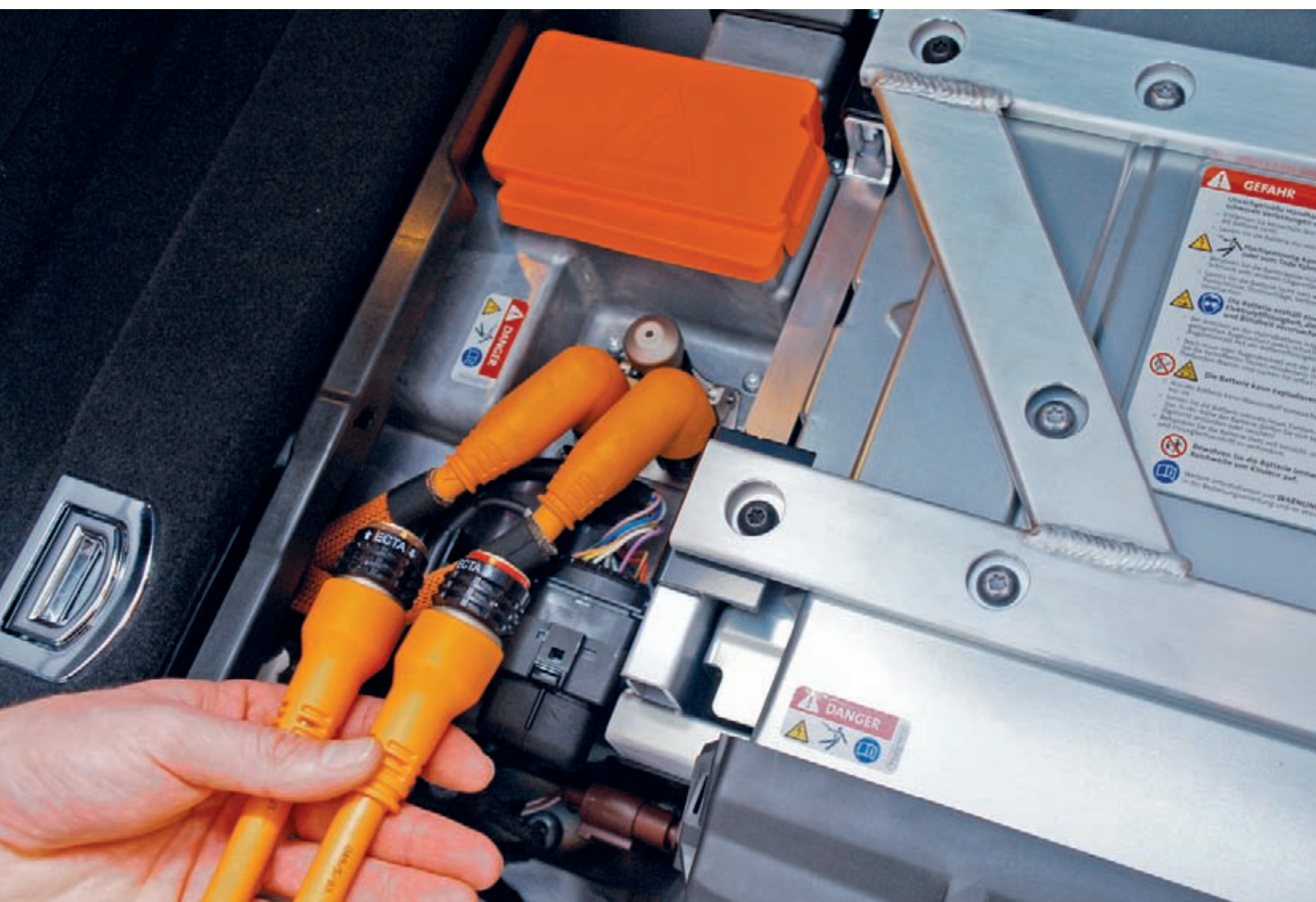


## Compatibility with future vehicle model series thanks to replaceable recharger cables and future-proof device software

The VAS 6565A is a high-voltage diagnosis battery support device with automatic IUIUa charging characteristics for drive batteries in hybrid vehicles that use nickel metal hydride or lithium-ion technology.

It is suitable for use in all company hybrid vehicles with a battery voltage range up to 600 volts, such as the Volkswagen Touareg Hybrid, the Volkswagen Jetta Hybrid, the Porsche Cayenne Hybrid and the Porsche Panamera Hybrid.

This high-voltage diagnosis battery support device has been specially designed for charging drive batteries in hybrid vehicles for use in workshops. A selectable characteristic applicable to the vehicle model ensures an ideal charging process with the battery-specific charge quantity measured. The storing of up to 20 characteristics is a definite advantage.





## Secure electricity supply of hybrid batteries

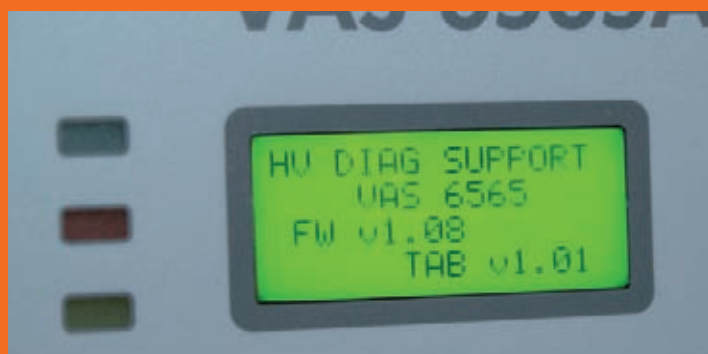
### SCOPE OF APPLICATION

- Supplying electricity to hybrid batteries during workshop use



The charging process of a high-voltage battery is started and monitored in a “guided troubleshooting” context.

Compatibility with future vehicle model series is ensured by replaceable charging cables and future-proof device software. The new software is transferred via a USB interface.





## Vehicle specific VAS 6565/1 and VAS 6565/2 charging cables



VAS 6565/1 charging cable set for the Volkswagen Touareg Hybrid



VAS 6565/2 charging cable set for the Volkswagen Jetta Hybrid



## Product information

- High voltage-Diagnostics-Battery-Support-Device for driving batteries in hybrid vehicles
- suitable for operation in vertical and horizontal position
- high efficiency (> 90 %)
- very low energy consumption
- replaceable charge cables
- USB-data interface
- Updateable device software for future device requirements

## Applications

**Charge mode.** Electronic controlled charge with IUIUa-characteristics with model-specific selectable charging program.

## Protective functions

- Pilot line monitoring with start lock
- Charge quantity and charge time monitoring
- Short circuit protection, no sparks at plug
- Overload protection with fuse
- Charging voltage free of voltage peaks
- Absolute security for airbags and onboard electronic
- flexible High voltage-charge cables with model-specific safety plugs
- Load dump protection: Remove the plug at full load should not damage the components
- Overtemperature protection: automatic switch-off

## Included items & technical specifications

- High voltage-Diagnostics-Battery-Support-Device 600 Volt, 3,0 Ampere in robustem Stahlblechgehäuse
- Power connection cable (3,0 m) with EU-Schuko-plug
- High voltage-Battery charge cable (3,0 m) with safety plugs for Volkswagen Touareg Hybrid, Volkswagen Jetta Hybrid, Porsche Cayenne Hybrid and Porsche Panamera Hybrid
- Power supply: 200-240 Volt AC 50/60 Hz
- Output voltage: 100 - 600 V ( $\pm 1\%$ )
- Output power: max. 1800 W
- Effective output: 1950 W
- Charge characteristic: IUIUa characteristic according to DIN 41 774
- Ambient temperature:  $+10^{\circ}\text{C}$  -  $+45^{\circ}\text{C}$
- Protection rating: IP 20 D
- Dimensions: 380 x 180 x 300 mm (L x D x H)
- Weight: 8,5 kg

## Guarantee

24 months

## Manufacturer

akkuteam Energietechnik GmbH

## Order number

ASE 447 040 01 000

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